

Patent Abstracts of Japan

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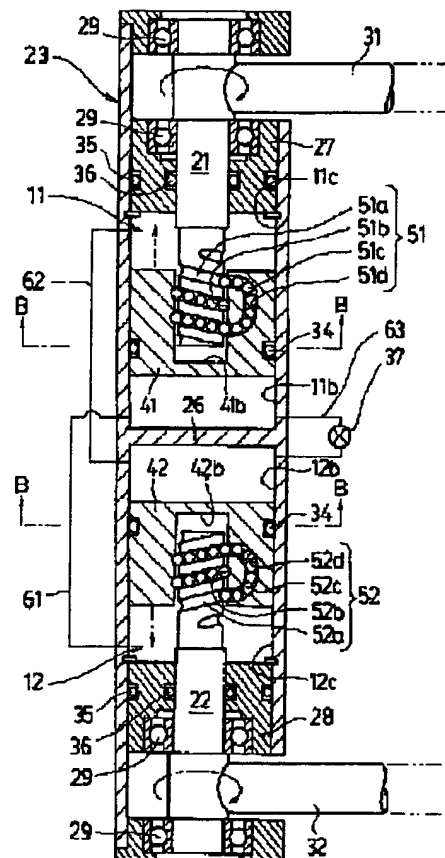
PUBLICATION NUMBER : 05319063
 PUBLICATION DATE : 03-12-93
 APPLICATION DATE : 22-05-92
 APPLICATION NUMBER : 04155575

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INT.CL. : B60G 21/10

TITLE : STABILIZER



ABSTRACT : PURPOSE: To ensure operation stability and to improve comfortableness by reducing the rolling of a body in turning a corner and by improving the earth of right and left wheels at the time of running on a rough road.

CONSTITUTION: A first and a second shaft 21, 22 are pivotably inserted into a stabilizer body respectively to engage with a first and a second cylinder chamber 11, 12 of the stabilizer body 23. A first and a second stabilizer arm 31, 32 in which their base ends are secured to the first and the second shaft respectively are pivotally mounted at their tips an axle shaft. A first and a second piston 41, 42 are housed through a compressive fluid in the first and the second cylinder chamber respective. The first and the second shaft are threadedly engaged through a first and a second ball screw 51, 52 with the first and the second piston respectively. A first front chamber 11b, a second rear chamber 12c, a first rear chamber 11c, and a second front chamber 12b partitioned by the first and the second piston are connected to each other. The first and the second front chamber are connected to each other through a transfer valve 37.

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